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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/654,320	09/03/2003	Kevin Edward Weidner	TYCO 18075 (AT20958-2121)	4430
7590 06/01/2005			EXAMINER	
Robert Kapalka Tyco Electronics Corporation Suite 140 4550 New Linden Hill Road Wilmington, DE 19808			DINH, PHUONG K	
			ART UNIT	PAPER NUMBER
			2839	
DATE MAILED: 06/01/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

EV

Office Action Summary	Application No. 10/654,320	Applicant(s) WEIDNER, KEVIN EDWARD	
	Examiner Phuong KT Dinh	Art Unit 2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 20-25 is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Request for Continued Examination

1. The request filed on 03/15/2005 for a Request for Continued Examination (RCE) under 37 CFR 1.53(d) based on parent Application No. 10/654320 is acceptable and a RCE has been established. An action on the RCE follows.

Claim Objections

2. Claims 8 and 17 are objected to because of the following informalities:
3. Claims 8, and 17; "said collar" has no antecedence basis.
4. Appropriate correction is required.

Drawings

5. The drawings are objected to because
6. The lead line of the interface 12 that is not point to specific element.
7. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for

consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mitani (U. S. Patent 6,224,390) in view of Capp (U. S. Patent 4,718,854).

2. Regarding claims 1, 8-10 and 12-19 Mitani, see figure 1A, discloses an electrical connector comprising: a base portion 30 configured for stationary mounting to a circuit board P, an interface portion 10, the interface portion 10 received within the base portion 30 and connect for rotational movement to the base portion when a predetermined torque is applied to the interface portion to overcome friction. Mitani discloses the claimed invention except an interface portion having at least one lug

configured to be driven a rotatable part of a mating connector. Capp discloses an interface portion having at least one lug at figure 1. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Mitani to provide the interface portion having at least one lug as taught by Capp so as to provide more secure of the connector.

3. Regarding claim 2, Mitani, discloses a tongue limiting member 35 between the base portion 30 and the interface portion and the tongue limiting member 35 configured to limit tongue transfer from the interface portion to the base portion.

4. Regarding claim 3, Mitani discloses a tongue-limiting member 35 between the base portion 30 and the interface portion 10, the tongue-limiting member including a friction member configured to limit the tongue transferred from the interface portion to the base portion through the friction member.

5. Regarding claim 4, Mitani discloses the base portion 30 comprising at least one mounting post for mounting the base portion 30 to the circuit board P.

6. Regarding claim 5, Mitani discloses the base portion is configured for surface mounting to the circuit board P.

7. Regarding claim 6, Mitani discloses a flange projecting from the interface portion.

8. Regarding claim 7, Mitani discloses a collar 34A coupled to one of the base portion and the interface portion.

9. Regarding claim 11, Mitani discloses the base portion 30 and the interface portion 10 comprises a coaxial connector.

Allowable Subject Matter

10. Claims 20-25 are allowed.
11. The following is an examiner's statement of reasons for allowance:
12. None of the reference discloses a collar urging the torque limiting member, the base portion and the housing in contact with one another.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

13. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong KT Dinh whose telephone number is 571-272-2090. The examiner can normally be reached on 8 -5, 5 days a week.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Phuong Dinh' with a stylized flourish at the end.

Phuong Dinh
May 25, 2005.

Phuong KT Dinh
Primary Examiner
Art Unit 2839